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(54) Title: TREATMENT OF OSTEOARTHRITIS

(57) Abstract: This invention relates to methods of treatment of osteoarthritis, and especially to treatment of this condition with cyclic peptidic and peptidomimetic compounds which have the ability to modulate the activity of G protein-coupled receptors. The compounds preferably act as antagonists of the C5a receptor, and are active against C5a receptors on polymorphonuclear leukocytes and macrophages. Particularly preferred compounds for use in the invention are disclosed.

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTERInt. Cl. ⁷: A61K 38/08, 38/12, A61P 19/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
DWPI, MEDLINE; keywords- osteoarthritis, GPCR, G-Protein Coupled Receptor, c5a, c5aR, PMX53.**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 1999/00406 A (The University of Queensland) 7 January 1999 (07.01.99) See whole document.	1-17
Y	WO 1999/02501 A (Astra Pharmaceuticals LTD) 21 January 1999 (21.01.99) Page 14 lines 1-9.	1-17
Y	WO 1998/54180 A (Astra Pharmaceuticals LTD) 3 December 1998 (03.12.98) Page 12 lines 20-29.	1-17



Further documents are listed in the continuation of Box C



See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2003/001373

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	1999/00406	AU	80926/98	EP	1017713		
WO	1999/02501	AU	83611/98	EP	996617	US	6107297
WO	1998/54180	AU	76811/98	EP	984963	US	6162808
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